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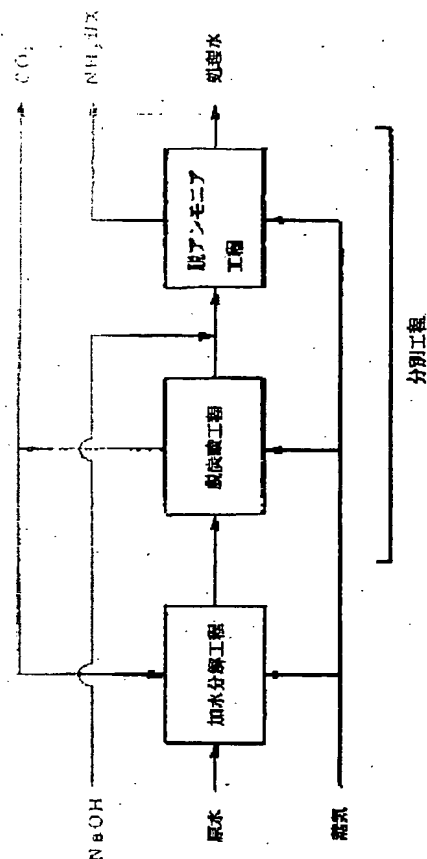
APPLICATION DATE : 19-02-99
APPLICATION NUMBER : 11041396

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INVENTOR : INOUE YUBUN;

INT.CL. : C02F 1/58

TITLE : TREATMENT OF WASTE WATER



ABSTRACT : PROBLEM TO BE SOLVED: To provide a treating method for stably, efficiently and economically treating waste water containing a high concentration of urea type nitrogen.

SOLUTION: This treatment of the nitrogen-containing waste water, consists of a hydrolysis process by which the waste water containing the urea type nitrogen is heated and hydrolyzed to make it to the waste water containing ammonium ions and carbonate ions and/or bicarbonate ions, and a separation process by which the ammonium ions and the carbonate ions and/or the bicarbonate ions in the waste water are separated to ammonia and gaseous CO₂, and the gaseous CO₂ is charged in the hydrolysis process.

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